

L 32901-66

ACC NR: AP6023832

for several days and were accompanied by total amnesia characteristics of mental and severe delirium states. It is characteristic that the psychoses developed not during the shock period, but in the initial period of shock infection; as is known, traumatic and postoperative psychoses also emerge, usually several days after the injury or operation. [JPS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 006 / OTH REF: 002

Card 2/2 *LBB*

ACC NR: AR7004311

SOURCE CODE: UR/0271/66/000/011/A048/A048

AUTHOR: Kurochkin, S. S.; Belov, A. F.; Okuney, V. V.

TITLE: Standard programs for normalization of spectra for AI-1024, AI-2048, AI-4096
analyzers

SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 11A376

REF SOURCE: Tr. 6-y Nauchno-tekhn. konferentsii po yadern. radios elektron. T. 3. Ch. 2.
M., Atomizdat, 1965, 154-161TOPIC TAGS: pulse height analyzer, spectrum analysis, *AI-1024 analyzer, AI - 2048*
and, for AI-4096 analyzer

ABSTRACT: Quantitative interpretation of the results of statistical spectrum measurements depends on many factors connected with variety of measurement conditions. To allow for these conditions, the spectra are normalized, e. i., changed to a form in which they become comparable. Simplest, widely used methods of spectrum normalization are considered, and the programs of their utilization with AI-1024, AI-2048, and AI-4096 analyzers are examined. The same normalization methods can be used also with AI-16000. The number-of-readings spectrum normalization can be reduced to multiplication or division of the spectrum in each analyzer channel by a constant factor. The multiplication or division factors are set on the control desk. The multiplication and division programs are conventional. The energy-axis is associated with instability of the spectrometric channel. The spectrum-normalization programs can be used by the analyzers as self-contained programs of spectrum pre-processing or they may be used as subroutines in more complex programs of spectrum processing. Five figures.

Bibliography of 6 titles. B. U. [Translation of abstract]

Card 1/1 SUB CODE: 18, 20

UDC:658.562:533

YEFREMOV, V.P.; OKUNEV, V.Ye.; KIM, D.V.

Small automatic recorder for logging. Trudy SNIIGGINS no.27:92-94
(MIRA 16:9)
'62.

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki
i mineral'nogo syr'ya.
(Logging (Geology))

YEFREMOV, V.P.; OKUNEV, V. Ye.; KIM, D.V.

Code and graphic methods for the registration of parameters in
geophysical methods of prospecting. Trudy SNIIGGIMS no. 30:
171-174 '64.
(MIRA 1981)

L 17540-66 EWT(1)/EEC(k)-2/T/EWA(h) IJP(c)
ACC NR: AP6001807 SOURCE CODE: UR/0107/65/000/012/0035/0036

AUTHOR: Pasynkov, V. (Professor); Chirkin, L. (Candidate of technical sciences);
Lototskiy, B. (Engineer); Okuney, Yu. (Engineer)

ORG: Leningrad Electrotechnical Institute (Leningradskiy elektrotekhnicheskiy
institut im. V. I. Lenina) 25/44

TITLE: Thin-film negistors and varistors

SOURCE: Radio, no. 12, 1965, 35-36

TOPIC TAGS: varistor, negistor, thin film element

ABSTRACT: Based on the well-known M. A. Lampert, K. L. Chopra, Tirry and other American works, a brief description of semiconductor devices having negative differential resistance is presented. Similar negistors have been developed in the USSR. They have an S-shaped I-V characteristic, throw-over voltages of 1-10 v, maximum currents of 1-20 ma, and differential resistances of 1-100 kohms. Their negative resistance falls off with the increasing ambient temperature and collapses at about 100C. Some details of the preparation of thin films are given. Orig. art. has: 2 figures and 1 table.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 005

Card 1/19

UDC:

GOL'DENBERG, L.M. (Leningrad); OKUNEV, Yu.B. (Leningrad)

Programming of problems for digital differential analyzers. Avtom.
i telem. 22 no.11:1498-1503 N '61. (MIRA 1/:12)
(Electronic differential analyzers)

GOL'DENBERG, L.M., dots.; LIPCHIN, G.S., inzh.; OKUNEV, Yu.B., inzh.;
POLYAK, M.N., inzh.; RAKHOVICH, L.M., inzh.; VEITSMAN, G.I.,
red.; ROMANOVA, S.P., tekhn. red.

[Digital differential analyzer] TSifrovoi differenttsial'nyi ana-
lizator; informatsionnyi sbornik. Moskva, Sviaz'izdat, 1962.
(MIRA 16:3)
109 p.

1. Sotrudniki Leningradskogo elekrotekhnicheskogo instituta
svyazi imeni prof. M.A. Bonch-Bruyevicha (for Gol'denberg,
Lipchin, Okunev, Polyak, Rakhovich).
(Electronic differential analyzers)

ACCESSION NR: AP4015254

S/0106/64/000/002/0008/0014

AUTHOR: Okunev, Yu. B.

TITLE: Signal coding with multiplex phase-shift keying

SOURCE: Elektrosvyaz', no. 2, 1964, 8-14

TOPIC TAGS: telegraph signal, multiplex telegraphy, phase shift keying, signal coding, telegraph signal coding, binary code transmission, optimum binary code

ABSTRACT: A closed sequence of 2^n binary numbers x_1, x_2, \dots, x_n , each consisting of n binary symbols can be so selected that any two numbers x_i and x_{i+1} , which correspond to two adjacent phase differences $\Delta\phi_i$ and $\Delta\phi_{i+1}$, differ by only one binary symbol. Such a sequence is termed an "n-multiple closed code." Seven properties of the closed code are specified. Practically important are the triple closed codes, whose properties and limitations are discussed in some detail. The noise immunities of the individual channels, in this case, are

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ACCESSION NR: AP4015254

related as 1:1: \overline{z} . Six different triple closed codes are found possible:

| | | |
|--------|--------|--------|
| 1. 000 | 2. 001 | 3. 000 |
| 001 | 000 | 100 |
| 011 | 010 | 101 |
| 010 | 011 | 001 |
| 110 | 111 | 011 |
| 111 | 110 | 111 |
| 101 | 100 | 110 |
| 100 | 101 | 010 |
| 4. 100 | 5. 000 | 6. 010 |
| 000 | 010 | 000 |
| 001 | 011 | 001 |
| 101 | 001 | 011 |
| 111 | 101 | 111 |
| 011 | 111 | 101 |
| 010 | 110 | 100 |
| 110 | 100 | 110 |

Orig. art. has: 1 figure and 9 formulas.

Card 2/32

L 5521-65 EMT(d) Pac-4/Pac-2/Pj-4
ACCESSION NR: AP5009821

UR/0106/65/000/003/0078/0080
621.391.151

AUTHOR: Okunev, Yu. B.

TITLE: Problem of encoding the signals in a multiple-phase-keying system

SOURCE: Elektrosvyaz', no. 3, 1965, 78-80

TOPIC TAGS: phase keying, signal encoding, multiple closed code

ABSTRACT: Multiple closed codes are investigated by the methods of n-dimensional geometry. Methods are sought for constructing n-tuple closed codes with a specified ratio of the noise immunities of individual binary channels. The problem is reduced to this: Find a way to go around all apices of an n-dimensional cube so that no apex is visited twice, and the transition from a apex determining x_i code element to the apex determining x_{i+1} code element takes place along the shortest path defined by: $\|x_{i+1} - x_i\| = \sqrt{(a_1^i - a_1^{i+1})^2 + \dots + (a_n^i - a_n^{i+1})^2}$. General formulas are applied to the cases of quadruple and quintuple codes. Orig. art. has: 10 formulas.

Card 1/2

L 55221-65
ACCESSION NR: AP5009821

ASSOCIATION: none

SUBMITTED: 30 Aug 63

ENCL: 00

SUB CODE: EC

NO REF SOV: 003

OTHER: 001

Card 2/2

VLASOV, Khrisanf Vasil'yevich; YAVTYUKHIN, Ivan Yegorovich;
SEMEBRIAKOV, Yurij Fedorovich; CHURKIN, Yu.E., red.

[Motor-vehicle driving under difficult conditions] Vozh-
denie avtomobilia v slozhnykh usloviakh. Izd.2., dop.
Moskva, Voenizdat, 1944. 186 p. (MIRA 17:9)

BLEYZ, Naum Grigor'yevich; GLEYZER, Lev Abramovich; PANFILOV,
Vladimir Trofimovich; OKUNEV, Yu.K., red.

[Pneumatic systems for automobiles] Avtomobil'nye pnevmati-
cheskie pribory. Moskva, Voenizdat, 1965. 148 p.
(MIRA 18:6)

AUTHORS: Karpov, Yu., Engineer, Krasnoperov, V.,
Engineer, Okunev, Yu., Engineer SOV/29-5B-9-26/3c

TITLE: An Unusual Motor ('Neobychnyy dvigatel')

PERIODICAL: Tekhnika molodezhi, 1958, Nr 9, pp 37 - 37 (USSR)

ABSTRACT: In the course of their studies at the Leningradskiy elektrotekhnicheskiy institut imeni V.I.Ul'yanova (Lenina) (Leningrad Institute of Electrical Engineering imeni V.I.Ul'yanov (Lenin)) the authors of this paper invented an electrical motor which they called "dielectric motor". This is a description of its principle of operation. This motor has neither a conventional steel stator with a copper winding nor a massive rotor. It operates by using the principles of static electricity - the interaction of stationary electric charges. The disk does 6000 revs/min. Attempts were made to increase the speed of the motor by producing the rotor from different materials. The best results were obtained with plexiglass. The speed can also be increased by placing the rotor in a vacuum, thus reducing air friction. The power of the motor can be increased by

Card 1/3

An Unusual Motor

SCV/29-58-9-26/3c

placing it in a high-pressure chamber . In a fluid dielectric the nominal voltage is reduced almost by a factor of 10. As a compensation the speed is considerably reduced owing to the increased friction of the rotor in the fluid. The dielectric motor is still anything but perfect. Nevertheless it is capable of being used in practical work. If a vane is attached to it it may serve as a ventilator. If the shaft of the rotor is arrested by a spring this motor is transformed into an instrument measuring high d.c.tension. The angle of deflection of the rotor will be proportional to the potential applied to the electrodes. The high speed of such motors and the lacking of a commutator recommends such motors for use in gyroscopes. Although at present it may sound phantastically, there is no denying that in principle such a motor could be used in connection with a radioactive electrostatic generator. There are 3 figures.

Card 2/3

L 47212-66

ACC NR: AR6019063

SOURCE CODE: UR/0274/66/000/001/A008/A008

AUTHOR: Lanne, A. A.; Oxunev, Yu. B.; Sikarev, A. A.

REF SOURCE: Tr. uchebn. in-tov svyazi. M-vo svyazi SSSR, vyp. 24, 1965, 49-58

TITLE: Statistical evaluation of one class of phase-keyed signals

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs. 1A46

TOPIC TAGS: signal analysis, phase shift

TRANSLATION: A group signal in a phase-keyed channel can be represented by the following equation:

$$x(t) = \sum_{k=k_1}^{k_2} A_k \cos(k\omega_0 t + \phi_k + \Delta\phi_k),$$

where $\omega_0 = \frac{2\pi}{T}$; $k_2 - k_1 + 1 = n$ is the number of the phase components, T is the pulse width, ϕ_k is the initial phase of the k -th component, and $\Delta\phi_k$ is the random discrete phase shift of the k -th signal component. In the case of determined signals, the peak factor is expressed by

$$K < \sqrt{\frac{1}{2} \sum_{k=k_1}^{k_2} A_k^2},$$

UDC: 621.391.133

Cord 1/2

7, 17212-66

ACC NR: AR6019063

$$\text{where } S_0 = \min_{\varphi_0} \max_{0 \leq t \leq T} \left| \sum_{k=1}^{n_0} A_k \cos(k\omega_0 t + \varphi_k) \right|$$

and

$$S_0 \leq C \sqrt{\ln n} \sqrt{\sum_{k=1}^{n_0} A_k^2};$$

C is an absolute constant. It was established that for a group phase-keyed signal with a number of components $n > 6$, the selection of the original phases do not affect the statistical properties of the signal. Evaluation of statistical signal characteristics are also presented and examples illustrating the application of the results are given. 5 figures, 1 table, 1 reference. N. G.

SUB CODE: 17/ ~~SUBM DATE:~~ ~~none~~

Card 2/2 fv

MASHCHENKO, Anatoliy Fedorovich, kand. tekhn. nauk, dots.;
MEDVEDKOV, Vladimir Ivanovich, kand. tekhn. nauk,
dots.; OKUNEV, Yu.K., red.

[Fundamentals of the maintenance of motor vehicles] Osno-
vy tekhnicheskogo obsluzhivaniia avtomobilei. Moskva,
Voenizdat, 1964. 255 p. (MIRA 17:12)

OKUNEV, Yu.T.

PLATE : 8000 EDITIONS

SOV/439

Proceedings International Conference on Dielectric Properties. 24, 1958

Prize distribution, final report, summary, bibliography. (Topics: Dielectric Properties of Matter; Conference of the All-Union Conference on the Physics of Dielectrics, Moscow, October 28-29, 1960. 512 p. Errata slip inserted. 5000 copies printed.)

Sponsoring Agency: Academy of Sci. of Fizichesky Institut, USSR. P.B. Lebedev, Ed. of Publishing House, T.L. Sturzak, Director, Tech. Ed.; I.M. Dzhobava, Editorial Board, (Capt. Ed.) G.I. Danilev, Doctor of Physics and Mathematics, (Deceased), and K.V. Filippov, Candidate of Physics and Mathematics.

Purpose: This collection of reports is intended for scientists investigating the physics of dielectrics.

Content: The Second All-Union Conference on the Physics of Dielectrics was held in Moscow at the Fizichesky Institut and P.N. Lebedev Physics Institute from November 24-28, 1958. An international conference of the principal scientific centers of the USSR and several other countries. This collection contains most of the reports presented at the conference and summaries of the discussions which followed. The reports in this collection deal with dielectric properties, lasers and polarization, and with specific inductive capacities of various crystals, chemical compounds, and ceramics. Photoelectric, ferroelectric crystals, and various radiation and irradiation effects on dielectrics are investigated. The volume contains a list of other papers presented at the conference dealing with polarization, losses, and breakdowns of dielectrics, which were published in the journal "Izvestiya Akademii Nauk SSSR, serija fizicheskaya," No. 1 and 2, 1960. No summaries are mentioned.

References: Scientific Report.

Abstracts: V.A. Lashin, and I.D. Tikhonova, "Temperature Dependence

of Certain Dielectrics,"

Plots: I.A. Specific Inductive Capacitance and Dielectric Losses of Some

Electrical Materials in Strong High-Frequency Electric Fields at High Temperature [Kharkov Electro-Technical Coll., Transl. (Ukrainian Physics and Technical Scientific Research Institute, Tomsk)]

21

Discussion:

- Problems:** On the Problem of the Static Specific Inductive Capacitance of Dielectrics [Institute of Technology and Economy, Institute of Agricultural Institute]

29

Akhiezer, L.A. Dielectric Parameters of Double Liquid Systems in the Atmosphere [Voronezh Agricultural Institute]

49

Belov, A.A. Anomalous Dispersion Observed in Some Dielectrics at High Temperatures [Voronezh Agricultural Institute]

57

Perov, I.M., and K.I. Vinogradov. Dielectric Properties of Barotropes [Diffusion at High Frequencies]

65

Discussion:

77

Mishchenko, O.P., and A.M. Lutman. Study of ϵ_1 and ϵ_2 in Polymers as a Function of Temperature at High Temperatures [Institute of Technical Physics, Institute of Experimental Physics, Institute of High Molecular Compounds, Minsk, Belarus]

79

Bogolyubov, N.N. Dielectric Characteristics (ϵ_1 and ϵ_2) of Impregnated Cable Paper in Relation to the Properties of the Components (paper and Oil) [Moscow Engineering Institute (Moscow Power Engineering Institute)]

97

Discussion:

105

Kostylev, I.S. Problems of the Dynamic Theory of Thermal Phenomena in Solids [Institute of Crystallography, USSR Academy of Sciences, On the Problem of Dielectric Properties in an Electric Field] [Leningrad Electro-Technical Institute, Leningrad]

106

Bellermann, D.A., and V.A. Gerasimov. Use of Crystal Harmonics for Measuring Dielectric Properties and Specific Induction Capacitances in Relation to Temperature [Institute of High Molecular Compounds, Academy of Sciences USSR, Leningrad]

112

Bogolyubov, N.N. Dielectric Properties and the Electro-Optical Properties of Crystalline Materials [Institute of Crystallography, USSR Academy of Sciences, On the Problem of Dielectric Properties in an Electric Field] [Leningrad Electro-Technical Institute, Leningrad]

119

Quash, A.M., and P.J. Pergament. On Charge Stability of Ionic Dielectrics [Institute of Crystallography, USSR Academy of Sciences, Moscow]

129

9.2150 (1020, 1482)

28220
S/194/61/000/005/061/078
D201/D303

AUTHORS: Okunev, Yu.T. and Savel'yev, G.A.

TITLE: Semiconductor resistances voltage stabilizers

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika.
no. 5, 1961, 36, abstract 5 E226 (Izv. Leningr. el-
ektrotekhn. in-ta, 1960, no. 43, 83-91)

TEXT: Parametric voltage stabilizers are considered employing non-linear semiconductor resistances (NSC) which find application mostly as sources of resistive voltage. NSC are complex compounds of silicon carbide and binders, subjected to special annealing. They have a negative temperature coefficient, equal to 0.2 - 0.4% per degree C. The stabilizing circuits utilizing NSC have usually two configurations with parallel load and more efficient bridge. Thermal resistances are used as linear resistors. Bridge stabilizers have a stability of output voltage between switchings of $\pm 0.05\%$, their temperature coefficient is 0.003 - 0.01% per degree C. Basic

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28220

S/194/61/000/005/061/078

D201/D303

Semiconductor resistances...

data of experimental models of NSC stabilizers are given together
with the theory of their operation. 3 references. [Abstracter's
note: Complete translation]

X

Card 2/2

PASYNKOY, Vladimir Vasil'yevich; CKUNEV, Yuriy Timofeyevich;
PREGER, D.P., red.izd-va; BELYAUROVA, I.A., tekhn. red.

[Nonlinear semiconductor resistors (varistors)] Nelineinyye
poluprovodnikovye soprotivleniya (varistory). Leningrad,
Leningr. dom nauchno-tekhn. propagandy, 1963. 34 p.
(Seria: "Poluprovodniki," no.11) (MIRA 16:11)
(Semiconductors) (Electric resistors)

OKUNEV, Yu.V., mladshiy nauchnyy sotrudnik

Objective study of sleep in tuberculosis patients. K izuch.roli
nerv.sist.v pat., immun.i lech.tub. no.2:112-119 '61.

(MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. -
G.S.Kan) Leningradskogo nauchno-issledovatel'skogo instituta
tuberkuleza.

(TUBERCULOSIS) (SLEEP)

OKUNEV, Yu.V.

Coding of signals with multiple phase keying. Elektrosvyaz[®]. 19
no. 3178-80 Mr '65. (MIRA 18:5)

OKUNEVA, F.

Planning the placement of equipment in a French metalworking
enterprise. Biul. nauch. inform.; trud i zar. plata 4 no.7:
70-74 '61. (MIRA 14:8)
(France--Metal industries)

VASIL'YEVA, G.L.; OKUNEVA, G.L.

Experiments in rearing the rotifer Brachionus rubens Ehrbg. as food for young fish. Vop. ikht. i no.4:752-761 '61.

(MIRA 14:12)

1. Biologo-geograficheskiy nauchno-issledovatel'skiy institut pri Irkutskom gosudarstvennom universitete,
(Baikal Lake Region--Rotifera)
(Fishes--Food)

VASIL'YEVA, G.L.; OKUNEVA, G.L.

Brief report on the mass raising of protococcal algae. Trudy TSSBS
no.8;115-116 '64. (MIRA 13;?)

OKUNEVA, G. N., CAND MED SCI, "VARIATIONS IN RESPIRATION
AND ARTERIAL PRESSURE UNDER REFLEX EFFECT AND PERfusion OF
THE VENTRICLES OF THE BRAIN WITH THE GOLOVIN SERIES OF STI-
MULANTS (_PH, CO₂, ETC.)." VOLGOGRAD, 1961. (DONETS MED INST
IMENI A. M. GOR'KIVY). (KL-DV, 11-61, 229).

-273-

SERGIYEVSKIY, M.V.; OKUNEVA, G.N.

Comparative evaluation of the excitability and significance of the carotid sinuses, medulla oblongata, and cerebral cortex in the regulation of respiration. Fiziol.zhur. 46 №.8:897-907 Ag '60.
(MIRA 13:8)

1. From the Chair of Normal Physiology, Medical Institute, Kuybyshev.
(RESPIRATION) (CAROTID SINUS) (BRAIN)

TETENEVA, V.F. (Murmansk); MALISHEV, Yu.I. (Leningrad); GORENNIKOVA,
A.T. (Leningrad); BAZHENOV, V.S.; IVASHKEVICH, E.I.;
SAFRONOVA, A.I. (Vitebsk); NOVIK, M.G.; OKUNEVA, G.N.
(Novosibirsk); NEDVETSKAYA, L.M. (Moskva); SENT-UMEROV, S.M.
(Vladivostok); PELYAVSKIY, I.P. (Odessa); LIPSKIY, L.I.;
NUTRIKHIN, N.A. (Arkhangel'sk); KERIMOV, G.M. (Baku);
BARAKOV, V.Ya. (Samarkand)

Abstracts. Grud. Khir. 6 no.1:118-126 Ja-P '64.
(MIRA 18:11)

MESHALKIN, Ye.N.; SERGIENSKIY, V.S.; ARKHPOVA, G.P.; OKUNEVA, G.N.; SAVINSKIY, G.A.; VLASOV, Yu.A.; TILENKO, V.I.

Theoretical possibility of preserving the basic function of the lung following surgical resection of all its neural connections (in auto-transplantation) under experimental conditions. Eksper. khir. i anest. 9 no.2:34-42 Mr-Ap '64. (MIRA 17:11)

1. Institut eksperimental'noy biologii i meditsiny (nauchnyy rukovoditel' - prof. Ye.N. Meshalkin, ispolnyayushchiy obyazannosti direktora dotsent Yu.I. Berodin) Ministerstva zdravookhraneniya RSFSR, Novosibirsk.

OKUNEVA, K.B.

Operation of the MLI type electron-tube integrator. Sbor. st. LITMO
no. 24:3-44 '57. (MIRA 11:5)
(Electrons calculating machines)

OKUNEVA, L. A., Candidate Med Sci (diss) -- "A hygienic evaluation of potatoes
irradiated with radioactive cobalt in order to restrain sprouting". Moscow, 1959.
13 pp (Acad Med Sci), 200 copies (KL, No 24, 1959, 151)

VASIL'YEVA, Ye.N.; OKUNEVA, L.A.; KUKEL', Yu.P.

Hygienic study of grain irradiated with radioactive cobalt, Vop.
pit. 19 no. 5:59-61 S-0 '60. (MIRA 14:2)

1. Is otdela gigiyeny pitaniya (zav. r dotsent B.D. Vladimirov)
Instituta pitaniya AMN SSSR, Moskva,
(GRAIN) (COBALT--ISOTOPES)

VASIL'YEVA, Ye.N., kand.biologicheskikh nauk; OKUNEVA, LA., kand.med.nauk;
EUKEL', Yu.P., nauchnyy sotrudnik

Hygienic evaluation of grain irradiated with radiocobalt. Trudy
VNIIZ no.38 iss15-121 '60. (MIRA 15:12)

1. Institut pitaniya Akademii meditsinskikh nauk SSSR.
(Wheat) (Gamma rays)

DOBROSHKIN, D.B.; Prinimali uchastiyu: YEROSHINA, Z.A.; GURINA, L.A.

Round cross-section ring packings. Nauchn. i rez. 24 n.s. 1965.
My '65. (6174-125)

1. Sverdlovskiy filial Nauchno-Issledovatel'skogo instituta
rezinovoy promyshlennosti.

L 04729-67 EWT(n)

ACC NR: AP6027305

(A) SOURCE CODE: UR/0244/66/025/003/0052/0058

AUTHOR: Okuneva, L. A.; Shillinger, Yu. I.; Maganova, N. B.

29
B

ORG: Hygiene Department /headed by Professor A. I. Shtenbarg/ of the Nutrition Institute AMN SSSR, Moscow (Otdel gigiyeny Instituta pitaniya AMN SSSR); Department of Nutrition Hygiene /headed by A. P. Shitskova/ Moscow Scientific Research Institute of Hygiene im. F. F. Erismann (Otdel gigiyeny pitaniya Moskovskogo nauchno-issledovatel'skogo instituta gigiyeny)

TITLE: Effect of gamma irradiated plant food on monkeys

SOURCE: Voprosy pitaniya, v. 25, no. 3, 1966, 52-58

TOPIC TAGS: monkey, gamma irradiation, food technology, physiologic parameter, blood, biologic metabolism

ABSTRACT: The present study was carried out in 1963-64 on rhesus monkeys to establish that gamma-irradiated plant food does not produce any toxic or adverse effects on the body. The experimental group of monkeys living in one cage consisted of 1 male, 4 females and a 4 mos baby; the control group living in another cage consisted of 1 male and 3 females. The diet of the experimental animals consisted of the

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UDC: 613.269:664.8.039.64:599.82-113.3

L 04729-67

ACC NR: AP6027305

D

following gamma-irradiated products: carrots and beets (20 krads), dried fruits (300 rads), apples (500 krads), buckwheat and pearl barley (100 krads), and bread made of irradiated wheat (100 krads). Control animals were fed the same diet of nonirradiated products. Indices included blood protein and lipid fraction analyses, cholesterol levels, body weight and blood tests. Experiments were conducted over an 11 month period and indices were determined prior to experimentation, at the end of 5 mos and 11 mos. Findings show that experimental animals do not differ from control animals in weight, general condition, or development of offspring. Blood morphology indices for all animals were within the normal range. Protein and lipid metabolism, blood sugar and general clinical tests for the 11 month period indicate that gamma-irradiation of plant food does not produce any harmful effects. Orig. art. has: 1 table and 4 figures.

SUB CODE: 06/ SUBM DATE: 21Jun65/ ORIG REF: 008/ OTH REF: 003

Card 2/2 egs

OKUNEVA, L.E.

E-3

USSR/Virology - Human and Animal Viruses.
APPROVED FOR RELEASE: 06/15/20004607CIA-RDP86-00513R001237920011-5"

Abs Jour : Ref Zhur - Biol., No 4, 1959

Author : Zubkova, R.I., Okuneva, L.E., Patsko, L.V.

Inst : -

Title : Q-Fever in Buryat-Mongolian ASSR.

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiologii, 1957, No 6,

39-43

Abstract : No abstract.

Card 1/1

OKUNEVA, L.M.

Possibility of formation of anti-antibodies and their effect on
the taking time of skin homotransplants. Biul. eksp. biol. i
med. 57 no. 2:104-108 p '64. (MIRA 17:9)

1. Donetskij nauchno-issledovatel'skiy institut travmatologii i
ortopedii (dir. - kand.med.nauk T.A.Revenko). Predstavlena
deystvitel'nym chlenom AMn SSSR N.N.Zhokovym-Verezhnikovym.

ACCESSION NR: AP4015156

S/0219/64/057/002/0104/0108

AUTHOR: Okuneva, L. M.

TITLE: Possibility of developing antiantibodies to prolong the survival of a skin homotransplant

SOURCE: Byul. eksper. biologii i meditsiny», v. 57, no. 2, 1964,
104-108

TOPIC TAGS: homotransplantation, skin homotransplant, skin homograft, skin homotransplant survival, antiantibodies of 1st order, antiantibodies of 2nd order, immunization, liver emulsion, spleen emulsion, lymph gland emulsion

ABSTRACT: In the first of three experimental series, 10 chinchilla rabbits underwent skin homotransplantation. After the homotransplants sloughed off, the liver, spleen, and lymph glands were taken from the rabbit with the highest number of blood serum antibodies to prepare emulsions. In the second series, 8 dogs were immunized with the emulsions using two subcutaneous injections and five intravenous injections with intervals of 3 to 4 days between each injection.

Card 1/3

ACCESSION NR: AP4015156

ASSOCIATION: Donetskiy nauchno-issledovatel'skiy institut
travmatologii i ortopedii (Donets Scientific-Research Institute of
Traumatology and Orthopedics)

SUBMITTED: 27Jul62 DATE ACQ: 12Mar64 ENCL: 00

SUB CODE: LS NR REF Sov: 013 OTHER: 000

Card 3/3

L 01830-66

ACCESSION NR: AR5017514

UR/0299/65/000/013/M023/M023

SOURCE: Ref. zh. Biologiya. Svodnyy tom, Abs. 13M126

AUTHOR: Okuneva, L. M.

TITLE: Effect of active and passive immunization on the secretion of homogeneous skin transplants

CITED SOURCE: Sb. Lecheniye travm i ikh posledstviy. Kiyev, Zdorov'ye, 1964, 83-85

TOPIC TAGS: immunization, tissue transplant, serum, experiment animal, skin physiology

TRANSLATION: Four series of experiments were carried out on 30 rabbits. The skin of the donor was preserved by freezing at -70K and was kept for 1 month at -20K. The first series of 10 rabbits was immunized with an aqueous salt skin extract, and then homogeneous transplantation was performed. In the second series 10 rabbits were immunized with a serum from 3 rabbits which had been subjected to immunization with an aqueous salt skin extract, and then the skin was transplanted to them. In the third series, skin was transplanted to 10 rabbits, and

Card 1/2

L 01830-66

ACCESSION NR: AR5017514

from that day and every other day the rabbits were injected with 1 ml of serum from the first series of rabbits taken immediately after rejection. In the fourth control series, skin transplantation was done without previous immunization. In the first series, rejection took place after 8-10 days, that is, 5-7 days earlier than in the control series; in the second series, 2-5 days earlier than in the control series; and in the third series, 10-15 days earlier than in the control series
B. Kozhevnikov

SUB CODE: LS

ENCL: 00

Card 2/2

POLYANIN, D.V.; ZOTOV, G.M.; GRYAZNOV, E.A.; MENZHINSKIY, Ye.A.; RUPININ, A.Ye.; CHEBOTAREVA, Ye.D.; ZAKHMATOV, M.I.; OKUNEVA, L.P.; SHMELEV, V.V.; STJLOV, A.A.; POKROVSKIY, A.N.; SHIL'KHE, V.A.; IVANOV, A.S.; NABOROV, V.B.; FINOGENOV, V.P.; KUR'YEROV, V.G.; KHRAMTSOV, B.A.; BATYGIN, K.S.; BOGDANOV, O.S.; KROTOV, O.K.; GONCHAROV, A.N.; KRESTOV, B.D.; LYUBSKIY, M.S.; SOKOL'NIKOV, G.O.; KAMENSKIY, N.N.; YASHCHENKO, G.I.; SAEEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; STEPANOV, G.P.; BORODAYEVSKIY, A.D.; INGATUSHCHENKO, S.K.; VARTUMYAN, E.L.; KAPELINSKIY, Yu.N., red.; MAYOROV, B.V., red.; NABOROV, V.B., red.; SOLODKIN, R.O., red.; DROZDGV, A.G., red.; ROSHCHINA, L., red.; SOLOV'YEVA, G., mladshiy red.; CHEPELEVA, O., tekhn. red.

[The economy of capitalist countries in 1961; economically developed countries] Ekonomika kapitalisticheskikh stran v 1961 godu; ekonomicheski razvitye strany. Pod red. Iu.N. Kapelinskogo. Moskva, Sotsekgiz, 1962. 447 p. (MIRA 16:2)
(Economic history)

ZUBKOVA, R.I.; OKUNIEVA, L.Ye.; PATEKO, I.V.

Q fever in the Buryat-Mongolian A.S.S.R. Zhur. mikrobiol., epid. i
immun., 28 no. 6:39-43 Je '57. (MIRA 10.10)

I. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei ANM
SSSR i Buryat-Mongol'skoy respublikanskoy sanitarno-epidemiologiches-
koy stantsii.

(Q FEVER, epidemiology,
in Russia (Rus))

AUTHORS: Eskin, V. Ye., Okaneva, M. G. SOV/76-24-1-101-
TITLE: The Investigation of the Polydispersity of Polymers by Means of the Method of Light Scattering (V izuchenii polimerov metodom svetotrasseyaniya)
PERIODICAL: Zhurnal fizicheskoy khimii, 1958, Vol. 32, Nr 7, pp 1542-1551 (USSR)
ABSTRACT: In the present paper the authors tried to find out to which extent the theoretical derivations concerning the possibility of using the method suggested by Zimm (Ref 6) of obtaining qualitative data on the polydispersity of polymer samples are proved by experiments. The angular distribution of the light dispersion of solutions of a number of fractionated and non fractionated samples of polystyrene and mixtures was investigated. Butanone was chosen as solvent, the angular distribution being measured within the interval 30-150° by means of an apparatus already described, a photoelectric nephelometer. The values of the molecular weights M_1 , M_2 and M_3 for the samples investigated are calculated from the obtained curves of the angular distribution of light dispersion with other factors being excluded. In experiments with two dif-

Card 1/3

SOV/76-32-7-13/45

The Investigation of the Polydispersity of Polymers by Means of the Method
of Light Scattering

ferent solvents, toluene and butanone, it was found that the initial inclination of the curve for toluene corresponds to a considerable increase of the dimensions of the macromolecule in this solvent. The experimental results of three fractionated mixtures are given graphically and in form of a table. A more or less clearly expressed polydispersity is shown by the curves. From the data may be seen that the determinations of the mean M_w and z-mean M_z molecular weights of the mixtures according to the light scattering agree satisfactorily with the values calculated, however, with respect to the value M_n the theory needs better precising. On the other hand the investigation of the curve shape of the angular distribution of the light dispersion of polymer solutions yields satisfactory results. There are 4 figures, 1 table, and 9 references, 4 of which are Soviet.

Card 2/3

The Investigation of the Polydispersity of Polymers by Means of the Method
of Light Scattering SCV/76-32-7-13/45

ASSOCIATION: Akademiya nauk SSSR, Institut vysokomolekuljarnykh soyedineniy,
Leningrad
(Leningrad, Institute of High Molecular Compounds, AS USSR)

SUMMITTED: March 4, 1957

1. Styrene (Polymerized) solutions--Properties 2. Styrene (Polymerized)
solutions--Analysis 3. Nephelometers--Performance 4. Light
--Diffusion 5. Organic solvents--Performance

Card 3/3

KALLISTOV, O.V.; OKUNEVA, N.G.

Determination of the critical composition of the system poly-methyl-ethylacrylate - acetone - ethyl alcohol. Vysokomolos. 1 no. 5:776-780 My '59. (MIRA 12:10)

1. Institut vysokomolekulovych soedineniy AN SSSR.
(Systems (Chemistry))

OKUNEVA, M. G., TSVETKOV, V. N., MAGARIK, S. Ya., and BOYKOVA, N. N. (USSR)

Stereospetsifichnost i opticheskie svoistva polimerov
Stereospecificity and optical properties of polymers
IUPAC S II:378-87

report presented at the Intl. Symposium on Macromolecular Chemistry, Moscow,
14-18 June 60.

Country : USSR
Category: Soil Science. Tillage. Reclamation. Erosion.
Abs Jour: RZhBiol., No 18, 1958, No 82152

Author : Okuneva, M.I.
Inst : The Northern Scientific Research Inst. of Hydraulic
Title : Engineering and Melioration.
: Nature of Water Regime and Settling of Peat on Iry
Shoals of Peat Bog.

Orig Pub: Tr. Severn. nauch. in-ta gidrotekhn. i melior., 1957,
vyp. 13, 77-96.

Abstract: Experiments were conducted at the Novgorod Auxiliary
Point of the Northern Scientific Research Institute
of Hydraulic Engineering and Melioration in labora-
tories and in fields of meadow-pasture crop rotation

Card : 1/3

J-40

001237920011

Country : USSR

Category: Soil Science. Tillage. Reclamation. Erosion.

J

Abs Jour: RZhBiol , № 18, 1958, No 82152

on well-decomposed bog sphagnum moss-sedge and sedge peats with a thickness of 0.25-0.50 m, which rest on a litter of heavy loams and fine-grained sands. The moistening of the thin peat moss (TM), supported by sands, depends basically on the ground water tables, but those which are on clay grounds depend principally on atmospheric precipitation, where the thinner the peat is, the less stable is its water regime and the stronger its dependence on rainfall. Settling of the peat in the dried bog culture went on continuously, in the lowland - 1.3-2.4 cm, in the intermediate and upper - 3.1-4.0 cm annually, with a 2.5-fold increase in the density of the peat from

Card : 2/3

Country : USSR
Category: Soil Science. Tillage. Reclamation. Erosion.

Abs Jour: RZhBiol., No 18, 1958, No 82152

1916 to 1954. In TP with a peat thickness of 0.6-
1.0 m an arrangement was suggested with closed drainage
in combination with open drainage every 100-200 m;
with a thickness of 0.3 - 0.6 m mole drainage with
plowing or a temporary system of fine furrows, made
in the fall plowing and leveled in the spring; in TP
with a thickness of 0.3 m a correlation of agro-
technical and drying measures were applied in order
to accomplish the removal of surface waters and to
increase the moisture capacity of the tillable layer.
-- V.A. Shreyder

Card : 3/3

J-41

OKUNEVA, M. I., Cand of Agric Sci -- (class) "Special Features of Water Flow and Soil Deposits on Small Dried-Reclaimed Turf Areas," Moscow, 1959, 18 pp (All-Union Sci Res Inst of Hydraulic Engineering and Melioration im A. N. Kostyakov) (KL, 1-60, 124)

OKUNEVA, N.A., khudozhhnik-iskusstvoved

Clothing styles and requirements for fabrics. Tekst.pron. 20
no.1:18-20 Ja '60. (MIRA 13:5)
(Textile fabrics) (Clothing and dress)

LITVINNOVA, T.P.; LYUKSHENKOV, A.G. [deceased]; Prinimali uchastiye: YAITSKAYA,
V.Ya., studenta; ZUBOVA, T.F., studentka; DEMISOVA, I.D., studentka;
MIRZOIEVA, Ie.Kh., studentka; OBOLENSKAYA, L.V., studentka; BELYAYEVA,
Z.D., studentka; BOIKOVICH, Kh.D., studentka; OKULEVA, N.F., studentka

Determination of the amount of water retained in plant raw material
in preparing infusions and decoctions. Apt. delo 10 no. 5:8-11 S-0
'61. (MINA 14:12)

1. Farmatsevticheskiy fakul'tet I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.
(BOTANY, MEDICAL) (WATER)
(CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

(1) 5. 17. 7. 11.

AUTHOR BREDOV M.M., OKURIEVA N.N. PA - 3044
 TITLE On the Depth of the Penetration of Ions of Medium Energies into
 the Material.
 PERIODICAL (O glubime pomeklye ionov sredaykh energij v veshchestvo (Russian)
Doklady Akademii Nauk SSSR, 1957, Vol 113, Nr 4, pp 795-796 (U.S.S.R.)
 Received 6/1957 Reviewed 7/1957

ABSTRACT The authors determined the depth of penetration of 4 keV cesium ions into germanium by the method of marked atoms. Radioactive Cs^{133} with the half life of 2.2 years was added to ordinary cesium. Germanium was irradiated with an already previously described mass-spectrometric device. The principal experiments were reduced to measuring the activity of the irradiated samples after they had been irradiated and pickled in a standard hydrogen peroxide solution. The solution used in this case removed a layer of germanium of $2.4 \cdot 10^{-6}$ cm thickness within one minute. The samples were also pickled before irradiation for 20 minutes in the same standard solution in order to remove possible existing microdefects on the surface and in order to eliminate the influence exercised by a possible discontinuity of pickling velocity within the first few minutes. The curves of the dependence of the activity of the irradiated samples on the duration of pickling (which was recorded for a series of samples) had, on the whole, the same character in the case of all samples. Activity decreased, on the average, as follows:

| | Duration of pickling in minutes | 1 min. | 2 | 3 | 4 | 5 | 6 |
|----------|---------------------------------|--------|-----|-----|-----|-----|-----|
| Card 1/2 | Percentage of initial activity | 66% | 56% | 48% | 40% | 34% | 24% |

OKUNEVA, N. M.

AUTHORS:

Bredov, M. E., Lang, I. G., Okuneva, N. M.

57-2-8/32

TITLE:

On the Depth of Penetration of Medium-Energy Ions Into a Substance
(K voprosu o glubine proniknoveniya ionov srednikh energiy v veshchestvo).

PERIODICAL:

Zhurnal Tekhnicheskoy Fiziki, 1958, Vol. 20, Nr 2, pp. 252-253 (USSR).

ABSTRACT:

Reference is made to the earlier reports given by the authors (references 1 and 2). An evaluation of the depth of penetration of medium-energy ions in germanium at the direct expense of their kinetic energy is given here. It became evident that when a function of the following shape

$$v = \frac{z_1 z_2 e^2}{r} \exp(-r/a)$$

is assumed as potential of the interaction between the fast ions and the lattice-atoms (as it was assumed in calculations of a similar kind in references 3 and 4) it is possible, with the taking into account of the multiple collisions according to the Monte-Carlo method, to obtain a curve. This curve represents the dependence of the relative number of ions which have attained the respective depth over the depth itself. In contrast to the widely spread opinion it is shown here that the depth of penetration of ions with the energy investigated here (4 keV) possesses an order of

Card 1/2

On the Depth of Penetration of Medium-Energy Ions Into a Substance.

57-2-5/32

magnitude of 1.10^{-1} cm. This is only twice or thrice smaller than the value observed in the test and anyway agrees with it regarding the order of magnitude. Attention is called to the fact that the potential (1) used here which is approximately correct as interaction-potential of free ions does not seem to be sufficiently founded for use in an interaction in a solid body. For in this case the screening constant a may have another value, but the final result is very highly dependent on this constant. The model itself also is much too crude and does not take into account the anisotropy of the electron-cloud in the covalent crystal.

$$a = \frac{a_0}{\sqrt{\frac{2/3}{Z_1} + \frac{2/3}{Z_2}}}, \text{ where } a_0 \text{ is the Bohr-radius and } Z_1, Z_2 \sim \text{ the atomic number of the ions and the lattice-atoms.}$$

There are 1 figure, and 4 references, 2 of which are Slav..

ASSOCIATION: Institute of Semiconductors ASUSSR Leningrad (Institut poluprovodnikov AN SSSR Leningrad).

SUBMITTED: July 17, 1957.

AVAILABLE: Library of Congress.

Card 2/2 1. Ions-Penetration-Mathematical analysis

L 65175-65 SNT(a)/SF, r^{1/2}/T/CF(t)/E_{nr}(b)/E-A(h)/E-A(c) IJPC

DD/JV

ACCESSION NR: APS012551

UR/0181/65/007/005/14

AUTHOR: Bredov, M. M.; Kotov, B. A.; Okuneva, N. M.; Shakb-Budagov, A. L.

TITLE: Investigation of phonon spectra in aluminum

SOURCE: Fizika tverdogo tela, v. 7, no. 5, 1965, 1413-1422

TOPIC TAGS: phonon, aluminum, single crystal, neutron scattering, elastic scattering, beryllium, filter

ABSTRACT: A method based on elastic scattering of slow neutrons is used for the experimental investigation of thermal motion in aluminum. The possibility of the use of such a method is analyzed by means of apparatus in which a beryllium filter serves as a neutron monochromator and the neutron energy is determined from the time necessary to traverse a given base. The experimental set-up is illustrated in figure 1 of the Enclosure. The sample is single-crystal aluminum 100 mm in diameter and 120 mm long and can be rotated around an axis perpendicular to the scattering plane. The neutrons scattered by the sample travel 5.1 meters in a tube in which a vacuum of 10^{-1} mm Hg is maintained and are then registered with a detector. Some new peaks in the spectra of the inelastically scattered neutrons were used to determine the scattering surface in the (011) plane and to determine the frequencies and wave vectors of the phonons. It is concluded from the results that a beryllium

Card 1/3

L 65175-65

ACCESSION NR: AP5012551

filter does not make the primary beam monochromatic enough, and this may lead in many cases to appreciable errors in the interpretation of the spectra. Although the large transmission of the apparatus has made it possible to investigate the scattering surfaces for aluminum in much greater detail than before, it is pointed out that some caution is necessary in the analysis of the results. Possible improvements in the apparatus are considered by the authors in a companion paper in the same source (Accession Nr. AP5012552). Orig. art. has: 7 figures and 3 tables.

ASSOCIATION: Institut poluprovodnikov AN SSSR, Leningrad (Institute of Semiconductors, AN SSSR) ^{W, 55}

SUBMITTED: 04 Dec 64

ENCL: 01

SUB CODE: 68, NF

SR REF Sov: 002

OTHER: 005

Cord 2/3

I 65175-65

ACCESSION NR: AP5012551

ENCLOSURE: 1

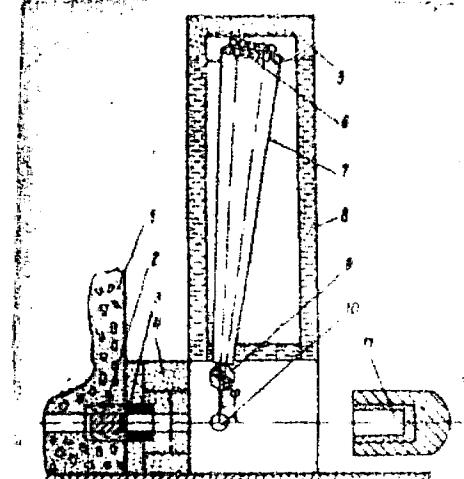


Fig. 1. Diagram of installation.

1 - Reactor shield, 2 - beryllium filter cooled with liquid nitrogen, 3 - lead, 4 - paraffin with borax, 5 - detector shield, 6 - detector, 7 - cadmium collimator, 8 - water, 9 - mechanical chopper, 10 - fan, 11 - trap of direct beam.

Card 3/3

L 65212-65 EWT(m)/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JD

ACCESSION Nr: AP5012552

UR/0181/65/007/005/1423

AUTHOR: Kotov, B. A.; Okunova, N. M.; Shakh-Budagov, A. L.

TITLE: Hybrid system of neutron spectrometer

SOURCE: Fizika tverdogo tela, v. 7, no. 5, 1965, 1423-1424

TOPIC TAGS: aluminum, single crystal, phonon, neutron beam, monochromatic

ABSTRACT: This is a companion paper to an article devoted to the investigation of the phonon spectra in aluminum, published in the same source (Accession Nr. AP5012551), and describes a system which makes it possible to avoid some difficulties and difficulties connected with the non-monochromaticity of a beam of neutrons filtered with beryllium. In the apparatus described, a diagram of which is given in Fig. 1 of the Enclosure, a monochromatic beam of incident neutrons is obtained by a reflection from the (111) plane of the single crystal of aluminum. Among the advantages claimed for this system are an increase by one order of magnitude in the monochromaticity of the neutrons, possibility of changing the wavelength of the spectral line, freedom from energy-resolution limitations, large transmission, absence of fast-neutron background, and possibility of carrying out the measurement by the constant-Q method. The authors thank M. M. Bredov for useful discussions.

Orig. art. has: 2 figures.

Card 1/3

L 65212-65

ACCESSION NR: AP5012952

ASSOCIATION: Institut poluprovodnikov AN SSSR, Leningrad (Institute of Semiconductors, AN SSSR)

SUBMITTED: 04 Dec 64

ENCL: C1

SUB CODE: OF, NF

ME REF Sov: 001

OTHER: 001

Card 2/3

L 65212-65

ACCESSION MR: AP5012552

ENCLOSURE: 11

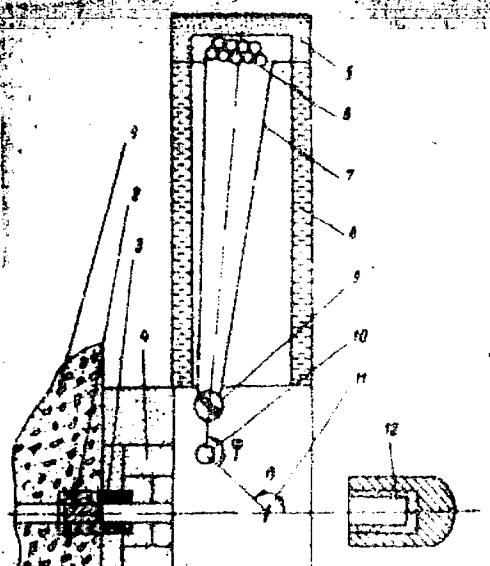


Fig. 1. Diagram of spectrometer.

1 - Reactor shield, 2 - cooled beryllium filter, 3 - lead collimator, 4 - filter shield, 5 - detector shield, 6 - neutron detector, 7 - cadmium collimator, 8 - water shield, 9 - mechanical chopper, 10 - sample, 11 - crystal monochromator, 12 - trap.

Card 3/3

VINOKUROV, N.Ya.; OKUN'YA, N.Y.

Fogs in the Kiev region. Trudy Ukr NIGNI no.10:25-34 '59.
(MIRA 13:5)

1. Aviameteorologicheskaya stantsiya v Grazhdanskom vozdukhnom
flote, Kiev.
(Kiev region--Fog)

FUSHKAREV, Viktor Viktorovich. Prinimala uchastiye OKURNEV, N.N.,
arkh.; ZHELUNIKOV, V.I., inzh., nauchn. red.; SHIROKOVA,
G.M., red.

[Assembly-line construction of apartment houses and buildings
for cultural and social purposes] Stroitel'stvo zhi-
lykh domov i kul'turno-bytovykh zdanii potochnymi linijami.
Moskva, Stroizdat, 1964. 161 p. (MIKA 17:2)

PUSHKAREV, Viktor Viktorovich, kand. tekhn. nauk; RUCH'YEV,
Aleksandr Petrovich, kand. tekhn. nauk; OKUNEVA, Raiza
Makedonovna, arkh.; GORBATOVSKIY, I.V., red.

[Large-panel housing construction; from practices at building projects in Novosibirsk, Krasnoyarsk, and Kemerovo]
Krupnopanel'noe domostroenie; iz opyta zastroiki Novosibirska,
Krasnoiarska i Kemerovo. Novosibirsk, Zapadno-Sibirskoe
knizhnoe izd-vo, 1964. 208 p. (MIRA 18:5)

OKUNEVA, R.Ya.

Soil maps and soil research from 1920 to 1930 in the material of
the Central State Archives of the National Economy of the U.S.S.R.;
information survey. Pochyovedenie no. 9:91-93 3 '65.

(MIRA 18:10)

MAKHORD, S.P.; MATVEYeva, M.M.; OKUNEVA, S.I.; FILMINA, I.M.

Some results of the work of the Technical Rubber Goods Industry
during 1964. Kauch. i rez. 24 no.11:39-41 '65.

(MIRA 19:1)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.

OKUREVA, T.M.

New data on the stratigraphy of Jurassic marine deposits in the
eastern part of Transbaikalia [with summary in English]. Vest. IgU
13 no.6:17-23 '58. (MIRA 11:5)
(Transbaikalia--Geology, Stratigraphic)
(Transbaikalia--Paleontology)

OKUNEVA, T.M.

New Jurassic marine fauna in southeastern Transbaikalia. Trudy Geol.
mnz. AN SSSR no.2;56-63 '60. (MIEA 13:10)
(Transbaikalia—Paleontology)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237920011-5

OKUNEVA, T.N.

Materials on the stratigraphy of marine Jurassic sediments in
eastern Transbaikalia. Trudy VSEGEI 81:45-59 '63 (MIRA 171)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237920011-5"

OKUNEVA, T. N.; IVANOV, Yu. N. (Kuybyshev)

O svyazitelel'noy chuvstvitel'nosti razlichnykh otdelov nervnoy sistemy
(v tom chisle setevidnoy formatsii) k deystviyu gumoral'nykh razdrazhiteley
dykhaniya

report submitted for the First Moscow Conference on Reticular Formation,
Moscow, 22-26 March 1960.

OKUNEVA, Valentina Petrovna; PCHELKIN, Yu.V., red.; ONOSHKO, N.G.,
tekhn. red.

[Spindles are gaining momentum] Veretena nabiraiut skorost'.
Leningrad, Lenizdat, 1962. 43 p. (MIRA 16:5)

1. Starshaya s"yemshchitsa fabriki "Versteno" (for Okuneva).
(Leningrad--Spinning--Labor productivity)

OKUNEVA, Ye.

Sun illuminated spruces. Nest, prom. i khud, promys. 2 no. 10:32
0 '61. (MIRA 14:11)
(Fur garments)

PETRUSENKO, V.G.; SHOSTYA, I.V.; OKUNEVA, Z.S.; PRIBITKOVA, Yu.V.;
FILIMONOV, V.P.; POLIYEKTÖVA, A.M.; CHERNISHOVA, N.P.; ISAYCHENKO,
M.M., red.; LIMKOV, G., tekhn.red.

[Economy of Cherkassy Province; statistical collection] Neredne
hospodars'vo Cherkas'koi oblasti; statystichnyi zbirnyk. Cherkasy,
1957. 126 p.

1. Cherkassy (Province) Statisticheskoye upravleniye. 2. Nachal'nik
Statisticheskogo Upravleniya Cherkasskoy oblasti (for Isaychenko).
(Cherkassy Province--Statistics)

Synthesis of hydrocarbons XLI—Partial reduction of diene hydrocarbons with magnetized catalyst and bonds by sodium in liquid ammonia. R. V. Loring, V. E. Skwarells, Jr., and J. C. Gaskins.

Abstract—Catalytic reduction of diene hydrocarbons with magnetized catalyst and bonds by sodium in liquid ammonia has been studied.

The reduction of α -methylstyrene gave 72% reaction products, which contained 10% aromatic hydrocarbons. The reduction of α -methyl- β -phenylpropene gave 72% reaction products, which contained 10% aromatic hydrocarbons. The reduction of α -methyl- β -methyl- γ -phenylpropene gave 72% reaction products, which contained 10% aromatic hydrocarbons. The reduction of α -methyl- β -methyl- γ -methyl- δ -phenylhexa-2,4-diene gave 72% reaction products, which contained 10% aromatic hydrocarbons. The reduction of α -methyl- β -methyl- γ -methyl- δ -phenylhexa-2,4-diene with dry H₂O and the reduction of α -methyl- β -methyl- γ -methyl- δ -phenylhexa-2,4-diene with dry H₂O and 0.0010 Ramberg-Bäcklund agent gave 72% reaction products, which contained 10% aromatic hydrocarbons.

Another class of diene containing hydrocarbons was also produced. For comparison a specimen was taken from the original literature.

The reduction of α -methyl- β -methyl- γ -methyl- δ -phenylhexa-2,4-diene with dry H₂O and the reduction of α -methyl- β -methyl- γ -methyl- δ -phenylhexa-2,4-diene with dry H₂O and 0.0010 Ramberg-Bäcklund agent gave 72% reaction products, which contained 10% aromatic hydrocarbons.

The reduction of α -methyl- β -methyl- γ -methyl- δ -phenylhexa-2,4-diene with dry H₂O and the reduction of α -methyl- β -methyl- γ -methyl- δ -phenylhexa-2,4-diene with dry H₂O and 0.0010 Ramberg-Bäcklund agent gave 72% reaction products, which contained 10% aromatic hydrocarbons.

The reduction of α -methyl- β -methyl- γ -methyl- δ -phenylhexa-2,4-diene with dry H₂O and the reduction of α -methyl- β -methyl- γ -methyl- δ -phenylhexa-2,4-diene with dry H₂O and 0.0010 Ramberg-Bäcklund agent gave 72% reaction products, which contained 10% aromatic hydrocarbons.

The reduction of α -methyl- β -methyl- γ -methyl- δ -phenylhexa-2,4-diene with dry H₂O and the reduction of α -methyl- β -methyl- γ -methyl- δ -phenylhexa-2,4-diene with dry H₂O and 0.0010 Ramberg-Bäcklund agent gave 72% reaction products, which contained 10% aromatic hydrocarbons.

OKUNEVICH, A. S., MUSHHNOVA, YE. G., KOSTIN, V. N., SKVARCHENKO, V. R., AND LEVINA, R. YA.

Syntheses of Hydrocarbons, XLIV Partial Reduction of Diene Hydrocarbons with a Conjugated System of Double Bonds with Sodium in Liquid Ammonia, page 355
Sbornik statey po obshchey khimii (Collection of Papers on General Chemistry), Vol I, Moscow-Leningrad 1953, pages 762-766

Moscow State U, laboratory of Organic Chemistry imeni Acad N. D. Zelinskij

Hydrocarbon Synthesis OKUNEVICH, A. S.

May 12

"Hydrocarbon Synthesis. XXIV. 2,3-Dimethylbutylene-3,3-dichloride in the Synthesis of Isobutenes With the Double Bond in a Central Position," B. Yu. Levina, V. N. Skvorchenko, A. S. Okunovich, and Ye. G. Treshchova, Chair of Org. Chem., Moscow State U.

Zhur Obshch Khim, Vol 23, No 5, pp 725-728

Treated crystal dichloride of diisopropenyl (I) (α,β -dimethylbutylene-1,2) with methylmagnesium bromide to obtain 3,4-dimethylhexene-3, which is a branched-chain hydrocarbon with the double bond in a central position. This compound was characterized by determining constants and Raman spectrum. By treating I with propylmagnesium bromide, obtained a mixture of two isomers: 5,7-dimethyloctene-5 and its 5-ethyl isomer obtained as a result of alkyl rearrangement out of an intermediate product of the reaction, the α -unsaturated pentachloride.

107124

OKUNEVICH, V.N.

X-ray study of action of arpenal on the function of the gall
bladder in chronic cholecystitis. Terap.arkh. 33 no.10:63-66
'61. (MIRA 15:1)

1. Iz kafedry rentgenologii (zav. - prof. B.M. Shtern) i kafedry
propedevtiki vnutrennikh bolezney (zav. - chlen-korrespondent AN
SSSR prof. S.M. Ryss) Leningradskogo sanitarno-ginekologicheskogo
meditsinskogo instituta.
(GALL BLADDER--DISEASES) (ARPENAL--PHYSIOLOGICAL EFFECT)

OKUNEVICH, V.N.

X-ray study of the action of fubromegan in dyskinesias of the biliary tract. Trudy LSGMI no.69,160-167 '61. (MIRA 15:11)

1. Kafedra rentgenologii (zav. kafedroy - prof. B.M.Shtern) i kafedra propedevtiki vnutrennikh zabolеваний (zav. kafedroy - cheln-korrespondent AMN SSSR prof. S.M.Ryss) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(PARASYMPATHOLYTICS) (BILIARY TRACT—DISEASES)

OKUNEVICH, V.N.

X-ray study of the action of arpenal in dyskinesias of the biliary tract. Trudy LSGMI no.69:168-178 '61. (MIRA 15:11)

1. Kafedra rentgenologii (zav. kafedroy - prof. B.M.Shtern) i kafedra propedevtiki vnutrennikh zabolеваний (zav. kafedroy - chlen-korrespondent AMN SSSR prof. S.M.Ryss) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta,
(ARPENAL) (BILIARY TRACT--DISEASES)

OKUNIEWSKI, Aleksander, dr.

"Economics of maritime transportation in an outline" by J. T. Holowinski.
Reviewed by Aleksander Okuniewski. Tech gosp morska 12 no.1:16-17 '62.

(Shipping) (Holowinski, J. T.)

OKUNIEWSKI, J.

Trends of intensification of agriculture in Denmark after World War II.
p. 105.

ZAGAÑIENIA EKONOMIKI ROLNEJ. (Komitet Ekonomiczny Polskiej Akademii
Nauk, Instytut Ekonomiki Rolnej i Sekcja Ekonomiki Rolnictwa Polskiej
Towarzystwa Ekonomicznego) Warszawa, Poland, No. 3, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960

Uncl.

OKUWES, J.

Date: 4/21x(g)/4/22d(b) 2 yrs

Structural properties of thin Ag-Sb films. J. Chrost and K. Parkander. *Scripta Metallurgica*, Vol. 1, No. 1, p. 17 (1967).--Thin Ag-Sb films were made by condensation to excess on substrates as a layer of H₂O-sol compd. The solv. of Sb to Ag depended on the film thickness, more Sb dissolved in thin Ag films than in massive layers. During simultaneous condensation of Sb and Ag vapor α , ϵ and γ phases were formed, in agreement with Broderick and Whret (CA 26, 881). In sandwich type of Ag-Sb-Ag films bimodal diffusion of Sb into Ag was noticed, accompanied by structural changes and formation of α , ϵ and γ phases. The phases ϵ and γ can again dissolve if the amt. of Sb is not above the max. solv. of Sb in Ag.

D. Setoguchi

5
1-SJP(c)
1-KR(m)

3

ACC NR: APT005572

(N)

SOURCE CODE: UR/0145/66/000/011/0096/0100

AUTHOR: Ivanov, V. L. (Candidate of technical sciences); Chum'kov, O. A. (Engineer)

ORG: None

TITLE: Experimental investigation of clogging in the radiators of air-cooled gas turbine blades

SOURCE: IVUZ. Mashinostroyeniye, no. 11, 1966, 96-100

TOPIC TAGS: radiative heat transfer, gas turbine engine, turbine blade

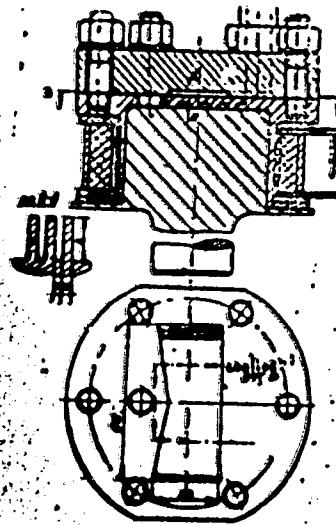
ABSTRACT: The authors study the tendency to clogging in the radiators of gas turbine blades with self-contained cooling systems where the secondary heat-transfer agent is air flowing over the heat-exchange surface of the radiator. The radiator design and dimensions of the fins are shown in the figure. The construction material was 2Kh13. Contamination of the cooling air was evaluated by weighing the air filter with an accuracy of 5 mg before and after passage of a given amount of air. The pressure drop across the radiator, pressure and temperature at the radiator input and average temperature of the radiator wall were held constant during the experiment. The tests were carried out for ten hours each day for twenty days with a finely dispersed suspension of oil (6.4 mg/m^3) in the cooling air which is approximately 50 times the maximum contamination of the air flow in a gas turbine engine. No changes were observed in the thermal characteristics of the ribbed radiator surfaces. The behavior of the

Card 1/2

IDC: 621.438

ACC NR: AP7005572

material suspended in the flow is determined by radiometric forces which prevent the formation of deposits on the heat-exchange surface with the exception of the output zone of the radiator where the air temperature is high and forces of thermophoresis decrease. Only trace deposits were observed even in this region. The article was presented for publication by Doctor of technical sciences V. V. Uvarov, Professor at the Moscow Technical College im. N. E. Bauman. Orig. art. nos: 3 figures.



PUB CODE: 2/40 / SUMM DATE: 30Mar66 / ORIG REV: 03

Card 2/2

OKUN'KOV, P.S.

Information and brief news. Veterinaria 37 no.11:95-96 N '60.
(MIRA 16:2)
(Veterinary medicine)

OKUN'KOV, P.S.

The preparation pikhtoin. Veterinariia 41 no.3:110-111 Mr '65.
(MIRA 18:L)

OKUN'KOV, P.G.

Prophylaxis and therapy of the parturient canals in cows using
tricillin. Veterinarika 41 no.4:86-87 Ap '65.

(MIRA 18:6)

1. Starshiy veterinarnyy vrach Glavnogo upravleniya veterinarii
Ministerstva sel'skogo khozyaystva SSSR.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237920011-5

OKUN'KOV, P.; OSTAPENKO, K.; YEPIFANOV, G.F.; MEDVEDEV, I.D.; FORTUSHNYY, V.;
IBRAGIMOV, R.P.; KOLEGAYEV, G.

Brief news. Veterinaria 41 no.12:101-109 D '64. (MIRA 18:9)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237920011-5"

OKUN'KOVA, T.

Transmission of construction experience. Transp. stroi. 15
no.9:5 S '65. (MIRA 18:11)

OKUNTSEV, I.

Universal power supply. Radio no.2:52-54 F '61. (MIRA 14:9)
(Latvia--Electric power supply to apparatus)

OKUNTSOV, I. (Riga)

Device for testing transistors with low power handling capacity.
Radio no. 10:31-32 0 '64, (MIRA 18:2)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237920011-5

ONE TWENTY, TWO.

"Pittsburgh Industrial Supply Company, California, 1950.

To: Mr. W.L. G., No. 2, Inc.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237920011-5"

EXPERIMENTER : DR. V. V. K.

DESCRIPTION : Diseases of Farm animals. Diseases caused by viruses and infections.

DATE, 1955 : SEPTEMBER, No. 13, 1955, No. 50761

LABORATORY : USSR, Leningrad, Institute of Veterinary Research, Scientific Research Veterinary Institute

TOPIC : On the vaccination of sterilized pigs against swine

PLATE, 1955 : Piglets, castrated-boars, Iaforn, Slobozh. district, v. s. Lut'ya, 1955, no. 3, 10-20

EXPERIMENT : Young pigs (16 heads) at the age of 6-7 days were inoculated with glycerinized crystal violet vaccine in a dose of 1 ml. intracutaneously within the upper and middle third of the ear; 12 days later, the pigs were vaccinated a second time, and nine of them for the third time 53 days following the second inoculation. After three weeks, all the young pigs were intracutaneously administered the virus of the swine plague (blood) dilu-

Card: 1/1

R - 25

USSR/Diseases of Farm Animals. Diseases Caused by Viruses and Rickettsiae.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40633.

Author : Okuntaev, I. V.

Inst : Siberian Scientific Research Veterinary Institute.

Title : Intracutaneous Vaccination of Pigs Against Pest by Glycerinized Vaccine.

Orig Pub: Byul. nauchno-tekhn. inform. Sibirs. n.-i. vet. in-t, 1957, No 2, 21-22.

Abstract: The effectiveness of the intracutaneous method in administering of vaccine was demonstrated on 23, 187 pigs (among them pregnant and farrowed sows and piglets over two months old). The vaccine was injected twice into the middle ear in a dose of 0.5 to one ml with an interval of seven days between them.

Card : 1/1

20

USSR / Virology. Human and Animal Viruses. Swine Disease Viruses. E-3

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 90592

Authors : Okunsov, I. V.; Yepifanov, G. F.

Inst : Siberian Veterinary Scientific Research Institute

Title : Experimental Studies of Immunization of Hogs Against Plague
With Dry Rabbit Vaccine.

Orig Pub : Byul. nauchno-tekhn. inform. Sibirs. n.-i. in-t, 1958, No. 3
21-23.

Abstract : No abstract given.

Card 1/1

12

OKUNTSOV, I.V., kand.vet.nauk, zasluzhennyy veterinarnyy vrach RSFSR;
YEPIFANOV, G.F., nauchnyy sotrudnik

Larinized vaccine against hog cholera in experiments and in practice.
Veterinariia 36 no.2:48-51 F '59. (MIRA 12:2)

1. Sibirskiy nauchno-issledovatel'skiy veterinarnyy institut.
(Omsk Province--Hog cholera)